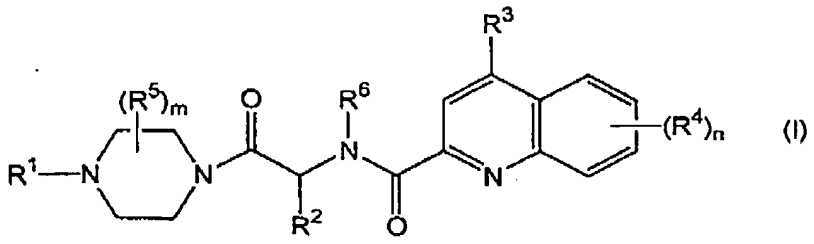
AMENDMENTS TO THE CLAIMS

Claim 1 (Original). A compound of formula (I):



(I)

wherein:

m and n are independently 1 to 4;

R^1 is hydrogen, alkyl, carboxyalkyl, aryl, aralkyl, alkylcarbonyl, aryloxyalkylcarbonyl, carboxyalkylcarbonyl, alkoxycarbonylalkylcarbonyl, alkoxycarbonylalkyl, alkoxycarbonyl, arylcarbonyl, aryloxycarbonyl, aralkoxycarbonyl, cycloalkylcarbonyl, haloalkoxycarbonyl, aminocarbonyl, monoalkylaminocarbonyl, dialkylaminocarbonyl, alkoxycarbonylaminocarbonyl, or heterocyclylcarbonyl;

R^2 is hydrogen, alkyl, aryl, aralkyl, alkylsulfonylalkyl, aralkoxyalkyl, hydroxyalkyl, aminoalkyl, haloalkylsulfonylaminoalkyl, carboxyalkylthioalkyl, alkoxycarbonylalkylthioalkyl, carboxyalkyl, (carboxy)(hydroxy)alkyl, carboxyalkoxyalkyl, alkoxycarbonylalkyl, aralkoxycarbonylalkyl, carboxyalkoxycarbonylalkyl, alkoxycarbonylalkoxycarbonylalkyl, aminocarbonylalkyl, aralkoxycarbonylaminoalkyl, alkoxycarbonylalkylaminocarbonylalkyl, carboxyalkylaminocarbonylalkyl, (alkoxycarbonylalkyl)(alkyl)aminocarbonylalkyl, (carboxyalkyl)(alkyl)aminocarbonylalkyl, or heterocyclylalkyl;

R^3 is aryl or aryloxy each independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

or R^3 is aralkyl or aralkoxy, wherein the alkyl radical in the aralkyl or aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of halo, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^9-N(R^7)C(O)OR^9$), and wherein the aryl radical in the aralkyl or aralkoxy substituent is independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$,$-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

each R^5 is independently selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

each R^9 is hydrogen, alkyl, aralkyl or haloalkyl;

as a single stereoisomer, a mixture of individual stereoisomers, or a racemic mixture;

or a pharmaceutically acceptable salt thereof.

Claim 2 (Original). The compound of Claim 1 wherein:

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aryl optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^8-N(R^7)C(O)OR^9$;

each R^4 is is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

R^5 is hydrogen;

R^6 is hydrogen or alkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

R^9 is hydrogen, alkyl, aralkyl or haloalkyl.

Claim 3 (Original). The compound of Claim 2 wherein:
m is 1;
n is 1 or 2;
R^1 is hydrogen or alkoxycarbonyl;
R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;
R^3 is aryl optionally substituted by one or more substituents selected from the group consisting of carboxy or alkoxycarbonyl;
each R^4 is is independently selected from the group consisting of hydrogen, alkyl, halo, or haloalkyl;
R^5 is hydrogen; and
R^6 is hydrogen.

Claim 4 (Previously Amended). The compound 2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-carboxy), according to Claim 3.

Claim 5 (Original). The compound of Claim 1 wherein:
m is 1;
n is 1 or 2;
R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;
R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;
R^3 is aryloxy optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;
each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;
R^5 is selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;
R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;
each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;
each R^8 is a bond or a straight or branched alkylene chain; and

R^9 is hydrogen, alkyl, aralkyl or haloalkyl.

Claim 6 (Original). The compound of Claim 5 wherein:
m is 1;
n is 1 or 2;
R^1 is hydrogen or alkoxycarbonyl;
R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;
R^3 is aryloxy optionally substituted by one or more substituents selected from the group consisting of alkyl, tetrazolyl, $-R^8-C(O)OR^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;
each R^4 is is independently selected from the group consisting of hydrogen, alkyl, halo, or haloalkyl;
R^5 is hydrogen;
R^6 is hydrogen;
each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl; and
each R^8 is a bond or a straight or branched alkylene chain.

Claim 7 (Previously Amended). The compound of Claim 6 selected from the group consisting of the following:

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-carboxy)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(2-carboxy)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(2-amino-5-carboxy)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(4-carboxy)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-carboxymethyl)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-(1-amino-1-carboxy)methyl)phenoxyquinoline;
2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-(2-amino-2-carboxy)ethyl)phenoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(2-methyl-5-carboxy)phenoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(5-carboxy-2-diethylaminomethyl)phenoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-tetrazol-5-yl)phenoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(3-trifluoromethylsulfonylamino)phenoxyquinoline; and

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-4-(3-carboxy)phenoxyquinoline.

Claim 8 (Original). The compound of Claim 1 wherein

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aralkyl wherein the alkyl radical in the aralkyl substituent is optionally substituted by one or more substituents selected from the group consisting of halo, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^9-N(R^7)C(O)OR^9$), and wherein the aryl radical in the aralkyl substituent is independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

R^5 is selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

R^9 is hydrogen, alkyl, aralkyl or haloalkyl.

Claim 9 (Original). The compound of Claim 1 wherein:

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aralkoxy wherein the alkyl radical in the aralkyl substituent is not optionally substituted and wherein the aryl radical in the aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

R^5 is selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

R^9 is hydrogen, alkyl, aralkyl or haloalkyl.

Claim 10 (Original). The compound of Claim 9 wherein:

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aralkoxy wherein the aryl radical in the aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, and $-R^8-N(R^7)_2$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, halo, or haloalkyl;

R^5 is hydrogen;

R^6 is hydrogen;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl; and

each R^8 is a bond or a straight or branched alkylene chain.

Claim 11 (Previously Amended). The compound selected from the group consisting of the following:

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-4-benzyloxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-benzyloxycarbonylpropyl]aminocarbonyl-4-benzyloxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-benzyloxyquinoline;

2-[1-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-benzyloxycarbonylpropyl]aminocarbonyl-4-benzyloxy-8-methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-benzyloxy-8-methoxyquinoline;

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-4-(4-methoxycarbonyl)benzyloxyquinoline;

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-4-(4-carboxy)benzyloxyquinoline;

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-4-(3-methoxycarbonyl)benzyloxyquinoline;

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-4-(3-carboxy)benzyloxyquinoline;

2-[1*S*-(4-(3-methylphenyl)piperazin-1-yl)carbonyl-3-(1,1-dimethylethoxycarbonyl)propyl]aminocarbonyl-4-benzyloxyquinoline; and

2-[1*S*-(4-(3-methylphenyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-benzyloxyquinoline.

Claim 12 (Original). The compound of Claim 1 wherein:

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aralkoxy wherein the alkyl radical in the aralkoxy substituent is substituted by one or more substituents selected from the group consisting of halo, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^9-N(R^7)C(O)OR^9$), and wherein the aryl radical in the aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

R^5 is selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

R^9 is hydrogen, alkyl, aralkyl or haloalkyl.

Claim 13 (Original). The compound of Claim 12 wherein:

m is 1;

n is 1 or 2;

R^1 is hydrogen, aryl, aralkyl, or alkoxycarbonyl;

R^2 is hydrogen, carboxyalkyl, alkoxycarbonylalkyl or aralkoxycarbonylalkyl;

R^3 is aralkoxy wherein the alkyl radical in the aralkoxy substituent is substituted by $-R^8-C(O)OR^7$, and wherein the aryl radical in the aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of halo and $-R^8-OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, halo, haloalkyl, amino, monoalkylamino, or dialkylamino;

R^5 is hydrogen;
R^6 is hydrogen;
each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl; and
each R^8 is a bond or a straight or branched alkylene chain.

Claim 14 (Previously Amended). The compound of Claim 13 selected from the group consisting of the following:

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-(1,1-dimethylethoxycarbonyl)propyl]aminocarbonyl-4-(1-phenyl-1-methoxycarbonyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(1-phenyl-1-methoxycarbonyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-chloro-4-(1-carboxy-1-phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-naphth-1-yl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-chloro-8-fluoro-4-(1-methoxycarbonyl-1-phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-chloro-8-fluoro-4-(1-carboxy-1-phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-6-fluoro-4-(1-carboxy-1-(2-fluoro)phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-4-(1-ethoxycarbonyl-1-phenyl)methoxyquinoline;

2-[(4-(ethoxycarbonyl)piperazin-1-yl)carbonylmethyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-6-fluoro-4-(1-carboxy-1-(4-chloro)phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-6-fluoro-4-(1-carboxy-1-(3-methoxy)phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6,8-difluoro-4-(1-carboxy-1-phenyl)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-dimethylamino-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-chloro-6-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(ethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-7-methyl-6-chloro-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(1,1-dimethylethoxycarbonyl)piperazin-1-yl)carbonyl-3-methoxycarbonylpropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(1,1-dimethylethoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(methoxycarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(1,1-dimethylethylaminocarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]amino-carbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(furan-2-ylcarbonyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

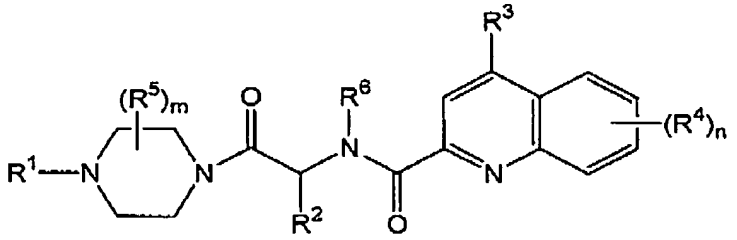
2-[1*S*-(4-(3-methylphenyl)piperazin-1-yl)carbonyl-3-(1,1-dimethylethoxycarbonyl)propyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(3-methylphenyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline;

2-[1*S*-(4-(phenyl)piperazin-1-yl)carbonyl-3-(1,1-dimethylethoxycarbonyl)propyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline; and

2-[1*S*-(4-(phenyl)piperazin-1-yl)carbonyl-3-carboxypropyl]aminocarbonyl-6-fluoro-7-methyl-4-(1-phenyl-1-carboxy)methoxyquinoline.

Claim 15 (Original). A pharmaceutical composition useful in treating a mammal having a disease-state characterized by thrombotic activity, which composition comprises a pharmaceutically acceptable excipient and a compound of formula (I):



(I)

wherein:

m and n are independently 1 to 4;

R^1 is hydrogen, alkyl, carboxyalkyl, aryl, aralkyl, alkylcarbonyl, aryloxyalkylcarbonyl, carboxyalkylcarbonyl, alkoxycarbonylalkylcarbonyl, alkoxycarbonylalkyl, alkoxycarbonyl, arylcarbonyl, aryloxycarbonyl, aralkoxycarbonyl, cycloalkylcarbonyl, haloalkoxycarbonyl, aminocarbonyl, monoalkylaminocarbonyl, dialkylaminocarbonyl, alkoxycarbonylaminocarbonyl, or heterocyclylcarbonyl;

R^2 is hydrogen, alkyl, aryl, aralkyl, alkylsulfonylalkyl, aralkoxyalkyl, hydroxyalkyl, aminoalkyl, haloalkylsulfonylaminoalkyl, carboxyalkylthioalkyl, alkoxycarbonylalkylthioalkyl, carboxyalkyl, (carboxy)(hydroxy)alkyl, carboxyalkoxyalkyl, alkoxycarbonylalkyl, aralkoxycarbonylalkyl, carboxyalkoxycarbonylalkyl, alkoxycarbonylalkoxycarbonylalkyl, aminocarbonylalkyl, aralkoxycarbonylaminoalkyl, alkoxycarbonylalkylaminocarbonylalkyl, carboxyalkylaminocarbonylalkyl, (alkoxycarbonylalkyl)(alkyl)aminocarbonylalkyl, (carboxyalkyl)(alkyl)aminocarbonylalkyl, or heterocyclylalkyl;

R^3 is aryl or aryloxy each independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

or R^3 is aralkyl or aralkoxy, wherein the alkyl radical in the aralkyl or aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of halo, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^9-N(R^7)C(O)OR^9$), and wherein the aryl radical in the aralkyl or aralkoxy substituent is independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino,

carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

each R^5 is independently selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

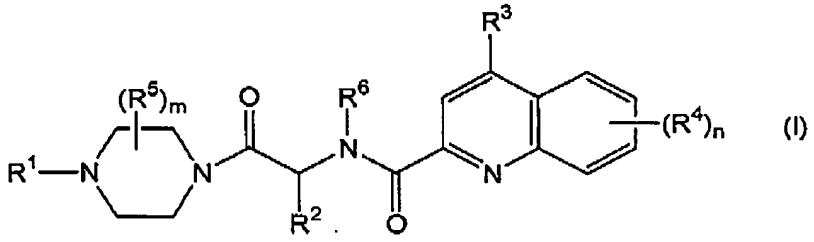
each R^8 is a bond or a straight or branched alkylene chain; and

each R^9 is hydrogen, alkyl, aralkyl or haloalkyl;

as a single stereoisomer, a mixture of individual stereoisomers, or a racemic mixture;

or a pharmaceutically acceptable salt thereof.

Claim 16 (Original). A method of treating a disease-state characterized by thrombotic activity, which method comprises administering to a mammal having a disease-state characterized by thrombotic activity a therapeutically effective amount of a compound of formula (I):



(I)

wherein:

m and n are independently 1 to 4;

R^1 is hydrogen, alkyl, carboxyalkyl, aryl, aralkyl, alkylcarbonyl, aryloxyalkylcarbonyl, carboxyalkylcarbonyl, alkoxycarbonylalkylcarbonyl, alkoxycarbonylalkyl, alkoxycarbonyl, arylcarbonyl, aryloxycarbonyl, aralkoxycarbonyl, cycloalkylcarbonyl, haloalkoxycarbonyl, aminocarbonyl, monoalkylaminocarbonyl, dialkylaminocarbonyl, alkoxycarbonylaminocarbonyl, or heterocyclylcarbonyl;

R^2 is hydrogen, alkyl, aryl, aralkyl, alkylsulfonylalkyl, aralkoxyalkyl, hydroxyalkyl, aminoalkyl, haloalkylsulfonylaminoalkyl, carboxyalkylthioalkyl, alkoxycarbonylalkylthioalkyl, carboxyalkyl, (carboxy)(hydroxy)alkyl, carboxyalkoxyalkyl, alkoxycarbonylalkyl, aralkoxycarbonylalkyl, carboxyalkoxycarbonylalkyl, alkoxycarbonylalkoxycarbonylalkyl, aminocarbonylalkyl, aralkoxycarbonylaminoalkyl, alkoxycarbonylalkylaminocarbonylalkyl,

carboxyalkylaminocarbonylalkyl, (alkoxycarbonylalkyl)(alkyl)aminocarbonylalkyl, (carboxyalkyl)(alkyl)aminocarbonylalkyl, or heterocyclylalkyl;

R^3 is aryl or aryloxy each independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

or R^3 is aralkyl or aralkoxy, wherein the alkyl radical in the aralkyl or aralkoxy substituent is optionally substituted by one or more substituents selected from the group consisting of halo, cyano, nitro, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, and $-R^9-N(R^7)C(O)OR^9$), and wherein the aryl radical in the aralkyl or aralkoxy substituent is independently optionally substituted by one or more substituents selected from the group consisting of alkyl, halo, haloalkyl, cyano, nitro, tetrazolyl, $-R^8-OR^7$, $-R^8-C(O)OR^7$, $-R^8-C(O)N(R^7)_2$, $-R^8-C(O)R^7$, $-R^8-N(R^7)_2$, $-R^8-N(R^7)C(O)R^7$, $-R^8-N(R^7)C(O)OR^9$, $-R^8-N(R^7)-S(O)_2-R^7$, and $-R^8-C[N(R^7)_2]-C(O)OR^7$;

each R^4 is independently selected from the group consisting of hydrogen, alkyl, alkoxy, aralkoxy, halo, haloalkyl, haloalkoxy, hydroxy, cyano, alkylthio, carboxy, alkoxycarbonyl, aminocarbonyl, alkylcarbonyl, nitro, amino, monoalkylamino, dialkylamino, carboxyalkylamino, alkylcarbonylamino, di(alkylcarbonyl)amino, hydroxyalkyl, dialkylaminoalkyl, carboxyalkoxy, alkoxycarbonylalkoxy, dialkylaminoalkoxy, and heterocyclylalkoxy;

each R^5 is independently selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, aralkyl, carboxy, alkoxycarbonyl, aralkoxycarbonyl, carboxyalkyl, and alkoxycarbonylalkyl;

R^6 is hydrogen, alkyl, carboxyalkyl, or alkoxycarbonylalkyl;

each R^7 is hydrogen, alkyl, aryl, aralkyl, or haloalkyl;

each R^8 is a bond or a straight or branched alkylene chain; and

each R^9 is hydrogen, alkyl, aralkyl or haloalkyl;

as a single stereoisomer, a mixture of individual stereoisomers, or a racemic mixture;

or a pharmaceutically acceptable salt thereof.

Claims 17 – 23 (Canceled).